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**MACDONALD'S**  
Fine Cut  
A Milder Taster Tobacco

## Lease-Lend Reciprocated

DURING ONE OF THE DARKEST PERIODS of the war for the democratic nations, the system of Lease-Lend was proposed by President Roosevelt. The food and war materials made available by the United States through this now famous plan, was of great assistance to the people of Britain at a time when they stood alone against the conquering armies of Germany and Italy. Since that time Lease-Lend has taken on much broader applications and all members of the United Nations now participate in the plan, which is a practical example of the community of effort which exists among the people of the United Nations. Canada has this year passed a United Nations Mutual Aid Act, which provides for the distribution of Canadian war equipment, raw materials and food stuffs to the United Nations during the present fiscal year to the value of \$1,000,000,000, on the basis of strategic need.

### Materials Sent To War Fronts

Because this continent has not become a battle ground our chief concern has been to send war materials to the areas where they are needed. There has been little restriction or reserve on the transfer of supplies from here, although it is provided that we may receive reciprocal aid in the form of services or supplies if it is considered desirable and practical. Between Britain and the United States, however, there has arisen an opportunity for reciprocal action which is a fine example of the co-operation engendered by the Lease-Lend plan. For some time large numbers of American troops have been stationed in Britain, and in providing for their requirements and their comforts the British people have been able to repay, in a very practical way, their debt for the great assistance sent from the United States under the Lease-Lend arrangement. Not only in the provision of enormous quantities of military equipment, and in great numbers of air fields, training camps and army camps is this debt being repaid, but British civilians are cheerfully sharing with the Americans many rationed items of which only very small supplies are available.

### Much Food Has Been Provided

Food is strictly rationed in Britain and great efforts have been made to increase the production of food within the country. In spite of this scarcity, American soldiers in Britain have been supplied with large quantities of foodstuffs. In 1943 these supplies have included 4,920,000 pounds of bread, 3,500,000 pounds of vegetables, 5,435,000 pounds of potatoes, 7,274,000 pounds of sugar, and 15,251,000 pounds of enriched wheat flour. We are also told that farm land has been set aside for the production of sweet corn for the Americans, although the British rarely use this vegetable. In a similar manner, clothing, which has been one of the most difficult of the British people's ration problems, has been shared with the Americans, and under a system of reverse Lease-Lend Britain has supplied the American soldiers there with almost all clothing replacements during the past year. In a like manner public utilities, manpower, and recreational facilities are being supplied from Britain's limited resources. The British public is co-operating wholeheartedly in the arrangement and in it is seen a fine example of the community of interests which exists among the United Nations.

### Better Eggs

How To Obtain Grade A All The Year Round

Milk and green feed are two of the constituents of the poultry feed given by a successful commercial egg producer. Ninety per cent of the eggs laid by his hens are Grade A all the year round. Here are his methods: A supply of crushed oats, wheat, and barley is kept constantly before the birds in hoppers, also a commercial poultry concentrate. Cod liver oil is poured over the whole grain in quantities of about two ounces to 140 birds and fed at night. Skim milk to the amount of 10 to 20 pounds per 100 birds, or semi-solid buttermilk, two pounds per 100 birds is fed daily.

Green feed as much as the birds will eat of second or third cut alfalfa or clover hay is fed by the forkful on the litter. This, along with the feeding of mangel or turnips keeps the birds busy and healthy. The birds do not eat the alfalfa but the coarse stocks they leave make excellent litter. It does no dampen as quickly as straw. Barns full of hay suitable for poultry feeding are the most significant thing about this producer's plant. He has had no bare-backed or feather-pulling birds in his flock for years. He uses the commercial poultry concentrate to offset shortages in milk, and the quantities given to the birds vary directly in accordance with the supply of milk.

## For Eczema—Skin Troubles

Make up your mind today that you are going to give your skin a real chance to get well. Use no any good drugstore today and get an original bottle of Moore's Sulfurated Oil. It's safe, moist days because it is highly concentrated. The very first application will give you relief—the itching of Eczema is quickly stopped—troubles up and down in a very few days. The same is true of itching face and feet, itchy skin, dandruff and other skin troubles. Remember that Moore's Sulfurated Oil is a clean, powerful, penetrating Antiseptic Oil that does not stain or irritate the skin. Complete satisfaction or money back.

### Again In Use

Tiny Cliff-Climbing Cars Are Being Operated In Naples  
The only railway in the world that has its own special theme song has resumed operations at Naples and thousands of Neapolitans are again humming the familiar strains of "Funiculi, Funicula." The city's tiny cliff-climbing funicular cars have been restored to activity after two months of idleness caused by German wrecking. Naples, built mainly on hills, has six cog-wheel railways to outlying residential sections. A seventh climbs Vesuvius.

### GEMS OF THOUGHT

#### HISTORY

History owes its excellency more to the writer's manner than to the material of which it is composed.—Goldsmit.

Each generation gathers together the imperishable children of the past, and increases them by new sons of light, alike radiant with immortality.—Bancroft.

Opinions alter, manners change, creeds rise and fall, but the moral law is written on the tablets of eternity.—Froude.

The cross is the central emblem of human history. Without it there is neither temptation nor glory.—Mary Baker Eddy.

The use of history is to give value to the present hour and its duty.—Emerson.

\* Bless is that Nation whose silent course of happiness furnishes nothing for history to say.—Thomas Jefferson.

#### SAVES SUGAR

Having coffee with a dietitian from the agriculture department's consumer service testing kitchen, we noted that she fed her coffee beans for adding any sugar. Half the usual amount of sugar saves as sweetening if one tastes before sugaring, she says. It works, too. 2547

## With Love From Trail, B.C., On The Italian Front



A message for German troops in Italy—a message with a punch—prepared here by Lt.-Bdr. R. H. Mitchell on behalf of the people of Trail, British Columbia, on a Canadian 25-pounder shell.

### Weed Control

#### The Application Of Commercial Fertilizers Is Recommended

Experiments during the last ten years have demonstrated that application of commercial fertilizers aids greatly in controlling weeds, according to A. G. Kusch, Dominion Experimental Station, Scott, Sask. This is good news for the farmer for whom weed control has become more difficult because of shortage of farm labour and machinery have interfered with proper tillage. The fertilizer is successful because it provides the growing plant with a readily available source of food, thus enabling it to form a vigorous root system quickly. The young weed seedlings are starved out and prevented from establishing themselves.

"In general," says Mr. Kusch, "the drier the climate, the lighter the fertilizer application required for effective control." In the prairie provinces, triple superphosphate and ammonium phosphate fertilizers drilled in with the seed, have been effective. Rate of application may vary from 20 to 50 pounds per acre. Barnyard manure used alone is ineffective in control of weeds, but used in conjunction with commercial fertilizers.

#### IN HIS OPINION

I have no fears for the future of Europe if the people and governments of the Soviet Union and Britain are inspired by the indelible will to solve all questions of international policy in agreement, said Dr. Beneš, President of Czechoslovakia, in a broadcast message.

Buy War Savings Stamps Regularly.

FOR  
**COUGHS  
COLD-**  
YOU CAN'T BEAT  
**BUCKLEY'S MIXTURE**

### Canucks Examine Their Handiwork



Canadian gunners made short work of this German staff car, now stripped and abandoned by the side of an Italian road. These men of a Canadian reconnaissance unit pause in their pursuit to examine its remains.

**NO MORE "DOSING"  
MY CONSTIPATION  
—I'VE CORRECTED  
THE CAUSE!**

"Regularity" is important any time, but it's vitally important in these busy war days when all of us are working harder than ever. Don't you be "dosed down" by that common type of constipation due to lack of "bulk" in your diet. And be sensible... correct the trouble right at its source instead of "dosing" with harsh purgatives that give only temporary relief.

Eat KELLOGG'S ALL-BRAN... grand-tasting as a cereal or in hot, crisp muffins... eat it every day... drink plenty of water... then see if you don't forget you ever had common constipation. For ALL-BRAN supplies the "bulk" your diet needs... promotes natural regularity. Your grocer has ALL-BRAN in two convenient sizes. Made by Kellogg's in London, Canada.



### HEALTH LEAGUE OF CANADA

**SOUPS!**  
Housewives today can no longer prepare meals without first planning carefully. There will be enough food for all if we plan wisely and use all the food we obtain to full advantage. Not only must we utilize all left-over food but the result should be good both to appearance and flavor. Many attractive and delicious dishes, soups and salads, may be the result of a collection of left-overs and a little imagination.

Today let us consider the soup one can make from small amounts of several varieties of food. First the classification of soup: Cream soup, puree, bisque or chowder are heavy soups and contain sufficient nourishment to be the chief article of food at a meal. Cream soups are made with thickened milk combined with meat, fish or vegetable stock and pulp. Clear soups such as bouillon, consommé are used as appetizers at the beginning of a heavy meal.

If you have a mixture of many vegetables and not enough of any one to serve with a meal, you could use them in making a soup stock. Try this recipe the next time you have a small amount of several vegetables: One pound of meat, a cheap cut, such as neck, shin or joint will do or small scraps of left over meat. This should be cut into small pieces. A bone weighing about 1 lb is needed. To the bone and meat add 2 pints of salted water. Let soak one hour and then simmer gently for three hours. During next half hour of cooking add 1/2 to 1 cup of mixed vegetables. Mixed herbs and spices should be tied in cheese cloth and added to the simmering soup. 6 pepper corn, 1 tsp. sweet herb, 1 small bay leaf, 1 sprig parsley, 1 piece celery root, 4 cloves are the quantity and variety of spices which may be used.

On the other hand if the vegetables you wish to use up have previously been cooked, try this recipe for cream of vegetable soup, favorite with the Home Economists in Canada's Kitchen. Make a thin cream sauce with 4 cups of milk or 1/2 milk and 1/2 water (in which the vegetables have been cooked). Rub the vegetables through a sieve and add 2 cups of same to the sauce. Season with 1/2 tsp. grated onion, pinch of thyme, salt and pepper. This requires no further cooking. You will find it gives delicious and distinctive flavor.

Remember not to throw away celery leaves, outside cabbage leaves or that lonely carrot, beet, etc. Waste of food is sabotage so use them up in nutritious soups.

### Bundles For Britain

#### Manitoba Doing Excellent Work In Supplying Clothing

Canadians, particularly during the Old Country "blitz-runs" of 1940-41, heard a great deal about an American organization known as Bundles for Britain. It is very unlikely, however, that the same Canadians know very much about another organization right here in the Dominion which is known as the V-Bundles of Manitoba. Rejuvenation of old clothing, which is sent across the sea, is the victory task of a large number of Winnipeg volunteer workers.

Many women, some with grown families, others with teen-age children, and other workers who have free time in the evening, are donating all their spare hours to this work. Evidence of what has been accomplished during one year would fill to the roof many of the rooms of a house. Reconditioned garments numbering 125,000 were sent overseas from this tireless group to be distributed among those who had been bombed out of their homes.

Much of this work is carried on through the Women's Voluntary Service centre known in Winnipeg as the Central Volunteer Bureau. V-Bundles of Manitoba opened its doors more than two years ago in a building in the downtown district of the city. Since then it has moved into larger quarters where 400 women's groups, including church societies, institutes and legion auxiliaries work together.

Any garment with re-make possibilities is accepted by V-Bundles of Manitoba, although the cleaner and newer the garment, the better the workers like it.

The women have developed a regular assembly line technique. When garments arrive at V-Bundles of Manitoba, they are first sorted according to kind and condition, after which they are either washed or cleaned before being sent to the work room. In the work room an army of workers recut, sew and mend. By the time the garments are ready for packing they have been completely rejuvenated.

#### DOUBLE DUTY

Coffee grounds can do double duty. Don't throw them out, the thing instead on the cellar floor the next time a sweeping is in order. Coffee grounds make a perfect sweeping compound to keep the dust from flying.

### Royal Air Force

#### Has Done A Tremendous Job Of Destruction Against Enemy

In Great Britain's air and sea front against Germany, the Royal Air Force has done a tremendous job of destruction. It was given the task of crippling the German war machine, and in a single year, from the spring of 1942 to that of 1943, R.A.F. raids on Germany are estimated to have reduced overall industrial output by from 15 to 20 per cent. This percentage has now been increased by further R.A.F., R.C.A.F. and U.S.A. air attacks.

### Mutual Aid

#### Chinese Company Now Serving With The Indian Army

From a flagpole above the tents of an Indian Army camp in the desert near Basrah, a silken flag with 12-pointed stars on blue and green background waves in the breeze. It is the flag of China, flying above the home of the first Chinese company to serve with the Indian Army. It consists of 350 technicians, fitters, carpenters, welders and sail-makers.

### POWDERED CODFISH

Popular food of the natives of the Faroe Islands is fish dust, made by drying codfish until it is as hard as stone and then beating it into a dusty powder with a hammer.

### ULCERS - SORES - ECZEMA

Stuze Denker's Ointment used by thousands of people with ulcers, sores, eczema, with amazing speed and safety. It is a natural, non-toxic, non-irritating ointment, does not interfere with daily activities, and is the only ointment that is guaranteed without obligation. Write for free literature to Stuze Denker, P.O. Vancouver, B.C. FREE LITERATURE.

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APPLEFORD PAPER PRODUCTS LIMITED



## CANADIAN CORVETTE

Little Scrapper That Suddenly Turned Into A Killer

It took a dash of Dominion luck to change His Majesty's corvette Sunflower from a Johnny-come-lately to a Johnny-on-the-spot.

That is the only way to explain how the little scrapper, after more than two years of fruitless hunting with a Royal Navy skipper, has suddenly turned into a killer with a record of three U-boats sent to their last anchorage just six months after a Canadian commander took over.

Before that, during tough days of 1941-42, when German submarines were on the way to win the Battle of the Atlantic, the Sunflower was just as eager for a scrap as she tumbled over the waves on convoy duty, but she never quite managed to make it.

She pounded along as pugnacious as a kid with a chip on his shoulder, but always got on in things after the shooting was over. She'd have her muscles flexed for a wallop, and then find she had arrived in time only to land the job of lugging survivors back to port.

Then, between April and December of this year and just after Lt. Cmdr. J. Plomer, D.S.C., R.C.N.V.R., took over, she goes on a rampage, and, with the announcement of the role she played in an Allied sea victory, joins the navy's glamor-girl class with three sinkings to her credit.

And all this will probably cause a blond, youthful lieutenant from Manchester, England, to give his colorful and extensive vocabulary an explosive airing. Because he was quite bitter about the whole thing last May when he landed in Toronto when he heard of the Sunflower's initial success—a twin killing.

"Those damned Canucks," he said, "you just can't beat them for luck." He then went on to tell how he and the crew of "that sea-going roller coaster" bucketed around in the North Atlantic and the Caribbean for two years and "got nothing but a swell case of boredom."

Once, he said, explaining the Sunflower's Johnny-come-lately tag, she went panting into a scrap in the waters around Iceland, guns loaded and depth charges at the ready, only to find a destroyer had beaten her to the scene. The Sunflower was just in time to pick up the U-boat survivors and carry them back to Britain.

"We had to lock the blighters in the heads (bathrooms)," he complained, "which made it awkward for us."

Then there was the time the Sunflower went bouncing out for a Canadian port, cocky as a boxer leaving his corner for the kill, headed for the Caribbean where U-boats were thick as flies and where surely she could get at least one.

A couple of months later she crept back under cover of a Fall rainstorm, thousands of miles of cruising behind her but wary a U-boat to her name.

"We didn't see a thing," her commander said bitterly. "The Canucks got the pig boats while we got a suntan."

Buy War Savings Stamps Regularly.

## For Fighting Fliers

Provision Suggested For Protecting Head And Face In Crash

In view of the armed forces' care in training fliers and concern for their safety in combat, a letter in Collier's may be worthy of consideration by the powers that be.

The letter is written by an Army dental officer who has been working on men injured in air crashes. He says 95 per cent. of the crash cases he has seen have been injured only from the neck up. He thinks such injuries and the resultant facial disfigurement should be prevented.

"I maintain that these things are avoidable," he writes, "and there are ways of preventing them. A light facial mask, a sort of combination of a catcher's mask and one worn by boxers would serve quite well. A very light protection, and of metal designed which would put a man through a crash with little more than a couple of black eyes, instead of no face. It would not be necessary for him to wear one all the time; most crashes are preceded by some warning and usually ample time in which to put on some kind of protective headgear."

Men working on construction gangs wear helmets to protect them from falling rivets; catchers wear masks; metal workers wear goggles; football players, boxers and tank men all wear helmets. Now I would like one good reason why a kid flying a 2,000-horsepower mass of metal shouldn't be forced to protect the most vital part of him."

The dental officer's suggestion may be susceptible to practical application. If it isn't, comments the Buffalo Courier-Express, at least he is entitled to his "one good reason" why not.

## They Die For Others

Lives Of Splendid Young Airmen Given For A Noble Cause

It is grievous to think how many splendid young lives have been given in recent months in these raids upon Germany, lives which represent the flower of British youth. But we must not forget what these courageous airmen have accomplished. Their lives have been given for their comrades; for, as Sir Archibald Sinclair claimed, their successes are shortening the war and are reducing the toll that the Allied armies will have to pay for victory.—Leeds Yorkshire Post.

## GREATLY RELIEVED

The tax assessor's office had to decide on which side of the United States-Canada border on old lady's newly purchased farm lay. Survivors finally announced that it was just inside the United States border. The old lady smiled in relief. "I'm so glad to know that," she said. "I've heard that winters in Canada are terribly severe."

## POST-WAR IMMIGRANTS

Admission to Canada after the war of "newcomers of the right type" within reasonable limits to help the continued development of the country was advocated in Montreal by Jackson Dodds, national chairman of the central council of the Red Cross.

## C.W.A.C.'s Operate Repair Shop



Pte. Doris Sonier, daughter of Mr. and Mrs. Maynard Sonier of Toronto, repairing an anti-gas cape. Before enlistment in the Canadian Women's Army Corps, Pte. Sonier worked in a munitions factory.

The repair and maintenance of all anti-gas equipment for the Canadian Army is the responsibility of members of the Canadian Women's Army Corps at Aurora, Ont.

The repair shop is used both to recover damaged equipment and to train additional C.W.A.C. workers in repair procedure. Sgt. Lillian Hillier of Toronto, was the first member of the corps to take this course, and she is now instructing new recruits.

Respirators, anti-gas capes and steel helmets are repaired at the Army workshop. New tubing, canister filter, or attachments replace defective material in the respirators at the shop.

Anti-gas capes are patched and retreated by the members of the corps who also restore dented helmets before sending them out for further use.

## Never Cut Them

Webster Thought Man With Extensive Library Loyal To Books

Daniel Webster had a friend whose large pretensions of learning were refuted by his manner of speech. One day the statesman visited the man's extensive library and examined some of his books. But he found no pleasure in the exercise, for books in those days were so constructed that they required the services of a paper knife to make their contents accessible, and these books had never been all.

"Ah," said the "learned" one, "you see I am surrounded here by my friends."

"Yes," agreed Webster, "and I see that you are invariably loyal to them—you have never cut them."

## New Device

Phototelegram Service Between Canada And Australia

Postmaster General William Ashley, of Australia, announced that by arrangements with amalgamated wireless and the overseas operating companies concerned a phototelegram service between Australia and Canada has been established.

Senator Ashley said the new service would enable photographs and other documents capable of photographic reproduction to be speedily transmitted between the two Dominions.

## Must Supply Bacon

Urges Farmers To Supply Britain With All She Requires

Agriculture Minister T. L. Kennedy of Ontario urged farmers to furnish Britain with all the bacon she needs regardless of unfavorable prices, "because our primary job is to win the war and to feed England." He was addressing the Middlesex Federation of Agriculture at the close of the annual two-day meeting at London.

## GOT THEIR ANSWER

Sturdy, young John Byrne, of Exeter, England, failed to answer three home guard call-up forms and received a final warning informing him he was liable to a fine of \$40 unless he replied immediately. The form was promptly returned to the authorities. In the space marked "Age" had been written "Four." And after "Occupation" was the enlightening disclosure, "Playing in a children's nursery." John's mother filled out the papers.—Coronet Magazine.

## TOO OPTIMISTIC

Axis troops never got to wear the medal, apparently struck off by optimistic Germans and Italians anticipating triumphal entry into Alexandria, Egypt. It shows an Italian and a German soldier pulling the teeth of a crocodile, representing the Nile river country. It was brought to Washington by Commodore William Sullivan, U.S. Navy salvage expert, whose divers found thousands of them in the hold of a sunken Italian freighter.

## Has Strange Vocation

Official Pigeon Catcher In London Is Always Kept Busy

Add strange vocations made stranger by the war, that of Charles Scoble as London's official pigeon catcher.

He got his start in 1937 when one borough council asked him to dispose of some pigeons that were worrying them. He did the job so well his position became official and gradually he got contracts from most of the councils in London, as well as railways.

His record bag—made with a sack, a torch and pigeon food—is 2,000 birds caught under a railway bridge in an hour and a half. His total haul since 1937 is about 300,000, an average of 115 a day.

The war produced a food shortage, which has made the Scoble business really lucrative. He now has many orders as he can fill from big hotels, postmasters and private houses. For wartime Britain has discovered the pigeon as food.

## Means Freedom

Will Of Majority Is Found In The Ballot Box

Those who fought through the centuries for the right to vote certainly did not intend compulsion in the use of the franchise. The very word franchise implies freedom—freedom to vote for whom one pleases or not to vote at all.

At the same time the essence of democracy lies in the will of the majority. Its expression is found in the ballot box. Those who wilfully and lightly neglect to vote are in a sense defeating the workings of democracy.

Some means must be found, whether by education or otherwise, to impress voters of the obligation to themselves and the community to do their part of the political job. Compulsion, however, is not the answer.—Winnipeg Tribune.

## WAS QUITE SIMPLE

The customer ordered chicken soup, without onion. The waiter was satisfactory. The check read: "Chow mein—75 cents. No onions—5 cents. Total—80 cents." Asked to explain, the Chinese waiter said: "With onion easy, without onion chef get mixed up, so five cents more without onion."

## UNUSUAL MASCOT

Daphne, a seal picked up in the Arctic by the crew of a British cruiser has become the ship mascot. Daphne was suffering from a fractured fin when discovered and refused to be abandoned after being given medical care.

## WAR CRIMINALS

A prediction of "wholesale lynch law" over post-war Europe unless adequate judicial machinery is established for trial of war criminals was made by Lord Leighton at a meeting of the General Council of the League of Nations Union.

## Dramatic Ceremonial

Presentation Of Stalingrad Sword Showed World's Gratitude For Heroism

The presentation at Tcheran of the Stalingrad sword represented that fair for the dramatic in ceremonial for which among Western peoples the British have few peers and no superiors. It was a gift from King George to the citizens of Stalingrad. In the Russian language, "Stalin" means "steel." The sword was of steel. It was especially made in honor of a man who has chosen the word for steel as his surname. The Sun-Down Gault MacGowan reports that the Red Marshal was visibly touched as he answered the salute with which Prime Minister Churchill made the presentation.

That ceremonial does indeed play an important part in the lives of men nobody who knows much about human nature can deny. Whether the ceremony be elaborate or simple doesn't make a great difference. What does count is the sincerity of the emotion behind it. You see, for example, two devout believers making the sign of the cross. One does it in a perfunctory way and it is only a perfunctory gesture. The other does it with feeling and you see in a flash of his eyes the pierced hands of Him who died on Calvary. Or you stand at retreat when the trumpet sounds and the flag is lowered at sunset. When the bugler knows his music, when the color guard put heart into their task, an unforgettable memory is born. So behind the presentation of the sword lay the gratitude of a world for the heroism upon which the high tide of German invasion broke—the invincible courage of the defenders and avengers of Stalingrad. It is safe to predict that this episode will be remembered long after most of the other things done and said at Tcheran are forgotten.

## Admission Of Defeat

Nazis Pillage Country When They Know They Are Beaten

German actions in Italy are a confession of fear and failure in the opinion of Andrei J. Vishinsky, Soviet delegate to the Allied Advisory Council for Italy, who said the Germans were duplicating the tactics they have employed in Russia.

Vishinsky expressed particular interest in the type of demolition work and destruction carried out by the German army as it was forced northward on the peninsula and also inquired about atrocities against Italian civilians.

"It is the same policy they are pursuing in Russia," he said.

"We can tell from studying their demolitions as they lose towns and cities whether they expect to be able to retake those places. When they simply run amok dynamiting and burning everything we know they don't expect to come back."

## WEAVING CLOTH

Britain won't be caught short of mottos as when demobilization starts. Already cloth is being woven in Yorkshire and Lancashire for making into suits for servicemen.

"Blimey! All my pins have gone."

## SMALL TOWNS SUFFER

Population Greatly Decreased When People Leave For War Jobs

Travelers from one metropolitan centre to another might think that Canada's population had increased mightily, so crowded are the trains and buses, so crowded the streets and hotels of the cities. It is the little towns and the villages and farms that the war has stripped of population. Except where a military establishment of a war plant has been set up, there are scarcely enough young people in these rural communities to keep the juke organs going. The young people, both sexes, and many older people with them, are in the services, or have gone away to work in a factory, or at some other job in the nation's war-stirred economy.

A Saskatchewan community that had a population of about 500 before the war now has only 357. Similarly, a little town in Ontario that had slightly over one thousand people is now down below 500. A large part of the crowds along the city streets come from places like these.

City folk habitually talk of moving to the country, but not many actually make the trek. When the war is over, will enough of those who came to the cities for the higher-paid war jobs turn around again and go back to the little towns and to the farms? It seems doubtful.—The Printed Word.

## Professional Beggars

Are Chief Sufferers From Famine In Bengal

One of the most curious, because unexpected, facts lately reported from Calcutta is that the chief sufferers from famine in Bengal are professional beggars.

Times are hard indeed when the beggar in India cannot make a living. It is true that he belongs to an enormous brotherhood which must instantly feel the effect of high prices and scarcity. On the other hand, if he is a Bairagi, or Hindu religious mendicant, he operates from a distinctive point of vantage, for it is well understood that he confers a favor by giving his victim an opportunity to be charitable. It is not the giver of alms who is blessed so much as the recipient, for the latter has prompted the flow of benevolence for which otherwise there might have been no outlet. That argument is undoubtedly a score for the professional beggar.

Nothing like it can be advanced by the criminal tribes, who include in their ranks large numbers of housebreakers, thieves, and others of undesirable reputation.—Manchester Guardian.

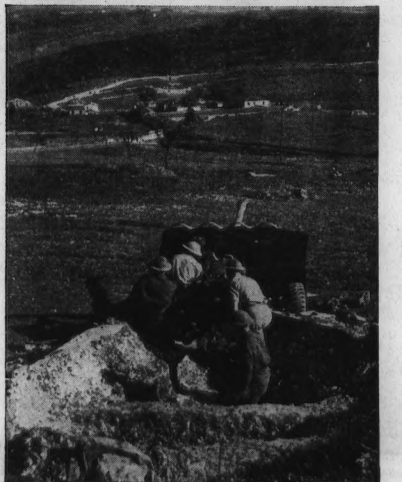
## Hair Pins Lost

London Air Raid Victim In A Sorry Flight

A German raid, on a London district, which wrecked a dance hall and killed over 150 people, left one woman very worried about her hair-do.

Pulled out from beneath the wreckage by a sailor who had escaped the bombing by leaving the dance hall for a drink, she said: "Blimey! All my pins have gone."

## Canadian Soldiers Watch For Huns



Canadian anti-tank gunners are shown in Italy on the alert for word and sight of German armored vehicles. Infantry were about to advance along the road on the right toward German positions on the first hill in the background. Germans were also in position among the cluster of Italian farm homes at the bottom of the hill.

## Canadians Examine German Machine Gun



A captured German machine gun, with ammunition belts, is examined in Italy by Pte. A. R. Myers of Edmonton, right, and Pte. R. G. Watson, of Wetaskiwin, Alta. Shell holes in the building came from Canadian artillery while a German unit used it as its headquarters.

## Canadian Girl Holds A Most Important Post At A Large Aircraft Station In Britain

WHEN fighter pilots get the urgent command to "scramble" for a little argument with Jerry, everybody acts fast. That word comes from the operations room, nerve centre of the unit, where the sector controller has his desk, and where "clerk operations" keep 24-hour vigil. Canadian girls of the Women's Division have been doing this for over a year, in Canada and overseas. On this particular station it's a girl with "Canada" on her shoulders and Canada in her voice who passes along the controller's instructions.

She is Section Officer Nora DeCosta, and the station loudspeakers carry her message from an eyrie in the "ops room", high above a table map covering most of the floor below. The room is a clearing house for all aircraft operations in a large portion of eastern England. The movements of every plane within its boundaries, friendly or enemy, are plotted on the map. Telephone lines radiate from her balcony desk, and when she speaks, her voice catapults fighters into action or guides returning aircraft safely home. The whole organization of aerial control and combat is at her fingertips.

She was born Nora Bolton 26 years ago in Tacoma, Washington, and when she was only a few months old, she moved to Nanaimo, British Columbia, where her father was a Church of England clergyman. Twenty-two years later she was a nurse in training at the Jubilee Hospital in Victoria, B.C., and was spending six months' holiday in England when the war started.

"I was visiting relatives in Kent," she says. "There'd been a parade of the first WAAF in uniform in London the previous month, so I made up my mind to join right away."

She had enlisted as a hospital assistant but she remembered to "clerk, special duties" for operations room work.

Without specialized training, she plunged right into plotting, which means the manipulation of movable counters to indicate aircraft positions on a huge map similar to the one which now lies beneath her desk. Promoted to "Aircraftwoman, First Class," her total pay was increased to three shillings a day, and she rose through successive ranks until she was appointed as a commissioned officer in September, 1941.

"I went to an officers' school for two weeks," she recalls, "and then went straight on to a R.A.F. station." It was while visiting around the aerodrome that she met her husband, Squadron Leader "Tony" DeCosta, from Glasgow.

"She came to the station, and then he came to the station," she recalls. "She was splashed from head to toe with mud from a passing lorry. A most unappealing spectacle, indeed!"

They were engaged in June at a Group Headquarters station, and married by the station padre.

"I finally had to give in," he chuckled. "The squadron leader heard I was going by, and then everybody kept saying, 'Why don't you two get married?' until I couldn't stand it any longer."

"It was the most matter of fact proposal," added his wife. "We were dancing, and the orchestra was playing that piece 'In the Mood,' when Tony said 'Well, we may as well get married.' Then he pledged me not to tell, and it wasn't till everybody started pumping my hand that I discovered he'd been all around the whole party boasting about it. So they opened up some cherished champagne for us and we had a wonderful party."

"It was a real service wedding," she continued. "The padre married us, both in uniform, at the Knight Templars church in Temple Balsall. One station commander gave me away, and another was Tony's best man."

It must have been rather a spectacular affair. The padre was rather annoyed by the fact that the inexperienced organist could not be persuaded to stop playing the wedding march. Enthusiastic well wishers fired colored Very lights outside the church, and the WAAF personnel threw flowers in lieu of confetti.

After a reception at the Mess, the newlyweds left by train for a 10-day honeymoon, sitting on suitcases in the passageway because there was no room in the carriages.

"We've been awfully lucky," says Mrs. DeCosta. "By sheer luck of postage we've only been separated for three months all the time we've been married."

"Speaking of gossip, the tongue of the giraffe is about 18 inches long," says the St. Thomas Times-Journal. But the giraffe never utters a sound.

### Animals Which Fast

All Records Were Broken By Specimen Of Blind Newt

The cat which survived a 41-day voyage as a stowaway without food, producing four kittens into the bargain, must certainly be a rare specimen of endurance, though the licking of cosmogen from a crated engine no doubt helped to keep the wolf from the door. But the annals of the animal world contain fasting feats even more remarkable.

Passing over the case of the Liverpool dog buried during a blitz which survived after 20 days without food or water, the first of the really notable records is that the marine iguana from the Galapagos Islands, which obstinately refused food for three months before giving up their hunger strike. This, however, has been beaten easily by a 25-foot-pylon in the London zoo, which declined all food whatsoever for 18 months and was none the worse when it began eating again.

A Madagascar box-constrictor, however, turned even this record into small beer by existing, in similar conditions, in the Paris Jardin des Plantes for four years and a month. The world's record so far is held by the blind newt, the Proteus, one specimen of which spent five years between two meals. The record for a man, by the way, is 60 days.—Manchester Guardian.

### Most Important Thing

Troops Overseas Appreciate Prompt Receipt Of Mail From Home

No service will be more appreciated by the troops overseas than that which is being instituted to rush mail to them by air. If the plans announced by Hon. C. G. Power are carried out according to the present intention, the lives of our fighting men will be made much happier.

Nothing is more important to them than the prompt receipt of mail from home. At all times they want letters and parcels regularly. They have resigned themselves to getting little news from home that is fresh, due to the long time it takes for mail to travel, but even letters weeks old are eagerly read and re-read.—Windsor Star.

Gandhi, the Indian leader, carries his false teeth with him, but only puts them into his mouth when he eats.

### The Switchman



Grant Macdonald, noted Canadian artist whose drawings of the members of Canada's armed forces have aroused widespread interest in art circles throughout the country, has started work on a new series depicting Canadian Railway workers engaged in the big task of keeping the country's enormous war traffic moving. He selected for the subject of this sketch Robert Thom, Canadian National Railway switchman. Each day approximately 100,000 cars are handled through Canadian National terminals and as many as 5,000 cars are received and despatched from a single terminal yard. A small army of yardmen—switchmen, checkers, switch-engine crews, and maintenance men, is at work night and day, assembling, classifying, and sorting the rolling stock which carries this huge war traffic.

### Wise Young Man

Went Right To Headquarters For Information He Wanted

From the office of the Canadian High Commissioner in London comes a story of a young man who should go far.

Phone there rang the other day. "Can you please tell me who is the Governor-General of Canada?" asked a voice. The information was supplied. The inquirer was also told how many provinces Canada had, what were their capitals, and so on. Finally the official asked to whom he was speaking.

"Jenkins, sir," said the voice. "I'm doing my homework."—London Answers.

### TRIP CURED HIM

A former German-American Bund leader says a trip to Germany cured him—he didn't like the way the Nazis operated. Maybe, says the Buffalo Courier-Express, the other Bund leaders back there, too. They might have stayed there to cause trouble instead of stirring it up over here.

The chimpanzee is the animal most nearly approaching man in bodily structure and appearance.

### Made Big Mistake

Italian Navy Lost Chance To Turn Tide Of War

After the Battle for Crete, the British battle fleet in the Mediterranean consisted of only three cruisers and if the vastly heavier-punned, numerically superior Italian fleet had been willing to risk action, the Allied cause might have been as good as lost.

This picture was presented by Admiral Sir William James, Naval Information Chief of the British Admiralty, in an article for the forthcoming "United States at War" issue of the Army and Naval Journal.

"It was fortunate that the enemy did not know, or, if he did have an inkling of the truth, that he failed to put it to an acid test of decisive action," he wrote.

Had Mussolini's fleet come out to do battle against this weak British fleet—the only force between Gibraltar and the Red Sea—Italo-German forces might have been free to crash British resistance in North Africa, to open the back door to Soviet Russia, and even to reach the Indian Ocean to link arms with Japan, James said.

Tuberculosis, first cause of death in Canada in 1912, now ranks seventh.

## Plastics Have Been Put To Many Uses In Canada And Releases Quantities Of Metal

IN Canada plastics are on the march. One type has joined the ranks as buttons and insignia for the armed services; another type, nylon plastic, is also in the active service of the country. The plastics which have joined the uniformed fronts are proving their worth in buttons and badges.

The use of plastics for this purpose began when supplies of brass were posted to other wartime duties, although plastics were not new to the button industry. Before the war, plastic buttons were turned out in every conceivable size, colour and shape.

Before a button can shine on a proud young soldier's tunic, intricate matter dies must be fashioned. After various highly technical operations, the buttons are removed from the press almost ready for wear. But first the rough edges must be smoothed, and the button inspected for any defects. Finally, although they have already received a high polish from the dies in which they were moulded, they are poured into barrels filled with a suitable polishing material. This imparts an additional gloss. Buttons for the Navy are given a lacquer spray which hides their polish under a dull finish.

Cap and lapel badges are more intricate in design and the open work in them calls for a more delicate moulding operation. After passing the inspection table the badges are given an additional polishing for good measure. Then they are all set to add the crowning touch to the cape of the boys on active service.

The use of plastics in the manufacture of military insignia not only releases vast quantities of metal for more urgent needs of industry, but results in the saving of much production time and labour. While the articles worked in metal require many separate operations, those made from plastics are almost completely finished when they leave the mould; the Navy can have its dined insignia and the Army and Air Force, their simulated brass.

When the word nylon is whispered, every Canadian woman from seventeen to seventy sees a vision of sheer stockings. Men on the other hand probably think of a sturdy hair or clothes brush with nylon bristles. Nylon, another plastic, has gone to war too. It is now on active service in such forms as parachutes, glider cow ropes, gun brushes and bomber tire fabrics. In the past-war period, it is hoped that it will return from battle taking on new jobs aside from its extensive uses as a synthetic fibre to make stockings and dresses, and a sturdy material in long strands which eventually gladdens the heart of every door-to-door brush salesman.

Some plastic forms in which nylon enters a vast new field have already been tested. These include coils of narrow tubing, electric motor bearings and nylon window screening. Nylon is most important, because it is one of the lightest of the plastics yet discovered. Despite this it is

exceedingly tough, especially where sections must be thin and yet of great strength. Nylon is not attacked by oil, grease, alkali or weak acids, and what is most important to the manufacturer, nylon plastic is easily machined.

At the present time, boys in various branches of Canada's armed forces are shedding no tears over the departure of the "apit and polish" routine. And after the war, Canadian women from coast to coast will glory in lovely fabrics, made of nylon plastics.

### Post-War Planes

Few Will Be Privately Owned Owing To High Cost

Plane-in-every-garage talk and the growing public belief that helicopters will fill the sky as soon as the war ends draw the fire of these realistic conservatives. The sober fact is that the private plane probably will continue in the class of the yacht and cost too much to interest the man who drives a medium priced car. And the helicopter probably will take years to develop.

Air lines undoubtedly will expand greatly in the postwar period. But it is generally felt that they'll take little freight away from the railroads because of the higher costs involved for the foreseeable future.—Newsweek.

### Lifelike Rag Doll



She's so chubby-checked and cuddly it's hard to believe she's just a doll that you can make inexpensively of fabric and cotton batting. Her face is made of soft yarn hair and moveable limbs. You'll enjoy making her stylish little clothes. Pattern 7621 contains a transfer pattern and instructions for doll and clothes.

To obtain this pattern send twenty cents in coins (stamps cannot be accepted) to Household Arts Department, Winnipeg Newspaper Union, 175 McDermott Avenue E., Winnipeg, Man. Be sure to write plainly your Name, Address and Pattern Number. "Because of the slowness of the mails delivery of our patterns may take a few days longer than usual."

### TELLING THE SERGEANT

The infantry recruit had been bullied by the sergeant for days on end. But his chance came while he was bungling through rifle practice. "It's about time you knew what a fine sight was," said the sergeant. "Come now, what is a fine sight?" "A perfectly enormous butt," answered the recruit, "crammed full of sergeants, on fire 400 miles from land in a hurricane."

### WILL HONOR PILOTS

The names of 376 R.A.F. pilots—some of them Canadians—who died in the Battle of Britain—the man whose sacrifice prompted Prime Minister Churchill to say, "Never in the field of human conflict was so much owed by so many to so few"—are to be enshrined in Westminster Abbey after the war.

### Canadian Girl Helps Direct Fighter Operations



Section Officer Nora DeCosta, formerly Nora Bolton of Victoria, B.C., plays a significant part in the air war over Britain from her post in the operations room of a fighter sector. Known as "Ops B," she is chief assistant to the controller in the job of directing fighter operations over an area of several hundred square miles. The operations room, shown at left, is a lofty room with a series of rising tiers for controller and staff. On a huge table map below, every movement of every aircraft in the area, friendly or hostile, is plotted. Panels on the opposite wall, like a stock-

broker's quotation boards, give minute-to-minute information on every detail affecting air control and combat. Section Officer DeCosta is in the centre of the top tier; below her sits the controller, Flight Lieut. H. E. Martin of Toronto. In the lower right picture, Section Officer DeCosta receives information of aircraft movements over secret telephone line. In the upper picture she is shown going up for a "zip" with her husband, Squadron Leader "Tony" DeCosta of the R.A.F., who despite his Spanish name is very much a Scot, from Glasgow.

—R.C.A.F. photos.



## SEED CLEANING IN WINTER TIME

The Winter Months Are The Best Time To Clean Seed

Often the farmer seed-grower defers his over-winter seed cleaning until late in the spring because of uncertainty as to whether his seed is going to find a market. The usual result is that he is often too busy in the spring to do a thorough job. On the other hand, the grower who has a mouse-proof room can have his seed cleaned, bagged and weighed ready for inspection later on at his leisure during the winter months. If the seed is not sold in the spring, it will keep. Grain seed is in short supply in Eastern Canada at present and so it is advisable to conserve all available seed.

For the ordinary farmer, although there are well-equipped seed cleaning plants all over Canada, these facilities may be beyond his reach and he has to clean and grade his seed on the farm. While a large power unit is capable of doing a better job of seed cleaning than the small fanning mill, yet satisfactory results can be obtained by the farm fanning mill. The labour of handling and cleaning seed on the farm may be considerably reduced where the layout permits the elevation of the seed from the cleaner to an overhead bin. From this bin the seed can be spouted back for the necessary second and third cleaning to make a satisfactory job.

An important feature of any seed cleaning machine, whether or not it is large or small, is the combination of sieves used. The top scalping sieve should be barely large enough to let the grain through, the larger material being separated off. The size and shape of the seed being cleaned naturally determines the size of grading screens to be used. In some seasons and for some varieties, sieves of different sizes may be required. Information as to where the material for making sieves may be purchased may be obtained by applying to the nearest Dominion Experimental Station, Agricultural College, or Agricultural Representative.

## Nelson's Flagship

Narrowly Escaped Destruction By An Enemy Bomb

It was reported some time ago, says The St. Thomas Times-Journal, that H.M.S. Victoria, Admiral Lord Nelson's flagship at the Battle of Trafalgar, had been hit by a bomb in Portsmouth dockyard, and we are glad to learn that the damage is not serious. This is surprising, because the Victoria is one of "the wooden walls of England," and having been in dry dock since 1922, owing to deterioration of the hull which put her in danger of sinking, wonder is she did not go up in flames. Fortunately, she was not hit by an incendiary bomb.

Many of the ancient buildings and relics in the British Isles which have been damaged by bombs can be repaired and restored to resemble the originals, but if the Victoria had been burned there would have been nothing left of her but ashes. And she is one of the grandest relics of the ancient glories of Britain. Lord Nelson selected her as his flagship when he was appointed commander-in-chief in the Mediterranean in 1803, a position just vacated by Admiral Sir Andrew Boscawen.

Visitors to the old ship find her in almost exactly the same condition as she was in Nelson's days. There are the old guns—12 to 32-pounders—and the hand weapons used by the men. On the upper deck is a small brass tablet with the simple inscription, "Here Nelson Fell." Below that deck is Nelson's dining-room with his original furniture exactly as it had been on that fateful day of October 21, 1805. Lower down is the "cockpit" where the admiral was carried and died that afternoon. Nearby, is the surgeon's office, with the crude instruments of that period laid out, some of which, no doubt, were used on Lord Nelson.

## FINISHED THE JOB

After the surrender of Tripoli, General Alexander telegraphed to Mr. Churchill: "Sir, the orders you gave me on August 15th, 1942, have been fulfilled. His Majesty's enemies, together with their impediments have been completely eliminated from Egypt, Cyrenaica, Libya and Tripolitania."

## DOING GOOD WORK

More than 1,000 blind men and women, many previously placed as unemployed, have been placed in munitions and aircraft plants during the past year, said the annual report of the National Institute for the Blind, London.

Buy War Savings Stamps Regularly.

## Canadians Bring Shattered Bomber Back From Leipzig



R.C.A.F. Photo.

Take a look at this shattered gun turret on a Lancaster of the Canadian Bomber Group's "Thunderbird" squadron and get some idea of what R.C.A.F. airmen go through to make life difficult for the Nazis. But the turret tells only a fraction of the hair-raising story of the night's attack by a crew of R.C.A.F. and R.A.F. men. More than 100 cannon and machine-gun holes were counted in the fuselage of the bomber, which was attacked seven times by enemy fighters en route to its target, Leipzig. Yet the bomber got back to England, left to right, are Flight Sgt. G. V. "Andy" Andrew, of Sarina, Ont.

20-year-old rear gunner: Flying Officer Rod James Dumphy, 20, of Winnipeg, navigator; and Flying Officer Jimmy Dodge, 20, of Spirit River, Alta., air bomber and former newspaper carrier for the Edmonton Bulletin. Their R.A.F. gunner was injured by cannon shell fragments in the turret shown here. Despite that and the damage to their hydraulic system which prevented lowering of the bomb doors and automatic release of the bombs, the crew pressed home their attack. Over the target, Dodge released the 4,000-pound blockbuster by hand, letting it crash through the closed bomb doors. The containers of incendiary bombs were chopped away from their carriers

with an axe through the bomber's floor boards. On the return flight, Dumphy held together the shattered wires of his navigational equipment in order to get "fixes" to help the plane to base. Four cannon shells passed through the glass-enclosed cockpit, narrowly missing the navigator, bomb aimer, and pilot, and smashing holes in all the plastic windows; but the crew brought the great aircraft safely to its home field. There, the undercarriage had to be lowered by hand because the hydraulic system was out of commission. During the night's action, one cannon shell just missed a million-candlepower photo flash carried amidships.

## Poles Rename Streets

Show Continued Resistance And Their Contempt For The Germans

Demonstrating afresh their power of resistance, their contempt for the Germans and their admiration of the Allies, the Poles have begun to rename the main streets of Warsaw. A decision taken by the Directorate of Underground Fighting in Poland resulted in the changing overnight of the name of Zielenska avenue into Winston Churchill street; Saska Tępa square became President Roosevelt square; Jerusalem avenue was named after the late General Sikorski, and Bank square took the name of Stefan Żeromski, an heroic Lord Mayor of Warsaw.—London Daily Sketch.

## NOT FORGETTING SAILORS

Britain's knitters have seen to it that sailors on minesweepers, patrol vessels, tugs and other small coastal craft aren't going cold. More than 3,000,000 knitted garments have been sent to the "little ships" since war started, said Sir Basil Brook, treasurer to the Queen and chairman of the Royal Navy Knitted Garments depot.

The first engagement rings, used in the time of the Romans, were made of iron.

## Valuable Discoveries

Said To Enable Physicians To Predict Infection In Wounds

Two medical discoveries useful to have amputation of arms and legs and sometimes to save the lives of men wounded in battle are reported in Monthly Science News, a British wartime scientific publication.

Both enable a physician to make an almost magical prediction that there is infection in a wound long before the infection becomes apparent, and furthermore to tell within certain limits just what this infection is going to be.

Both bits of information enable a doctor to minimize the infection by preventive means.

One of the discoveries is a quick, simple chemical test for the presence in a wound of a strange chemical, a ferment which dissolves the natural glue that binds tissue cells together.

The other discovery is an equally quick and easy test for the appearance in a wound of the heralds of gas gangrene, an infection which still kills 30 to 60 per cent. of its victims.

The methods of making the quick tests were developed by D. McLean, H. J. Rogers and E. W. Williams.

Buy War Savings Stamps Regularly.

## Reduce Ship's Speed

Barnacles Are Not Only Heavy But Make Hull Rough

Barnacles impede the operation of a ship not only because of the great weight they sometimes add to its burden, but also because the roughness they impart to the hull reduces the ship's speed. Often a 10,000-ton vessel has been found to be carrying as much as 30 tons of them. Their anti-streamlining effect is easily enough understood.

Apparently the barnacle sets out in life with ambition, for though he is born with only one eye he soon develops a second one. But he uses that only for the purpose of finding a place to stick then forgets ambition, sheds both eyes and grows a shell. He lives on such tiny sea animals as drift into his clutches.

## A GOOD TRAVELLER

A butterfly known to collectors as the Camberwell Beauty, which can fly the 300 miles from its Norway home to England in a few hours, is among the collection of Sir Beck with Whitehouse to be sold in London.

With a microscope a scientist can determine the weight of oxygen atoms that tarnish and rust steel and other metals.

## Valuable Supply Route

Motor Highway Brings India's Resources Very Close To Russia

Thornhill Wiant, in the Montreal Star, says:

Approximately 1,000 trucks now are hauling military supplies from India into Russia over a new 800-mile East Persia (Iran) route which was entirely hand-made by pick and shovel by an army of 30,000 men, women and children served by a staff representing 15 nationalities.

The Indian representative of one supply organization said "the quantity of supplies—jute, rubber, Healan copper, tin and mercury—which India can send to Russia is limited only by transport facilities available."

"We expect," he added, "a substantial increase in the number of trucks shortly."

The road, which is complementary to routes through Central and Western sections of Iran for British and American supplies, once was a rough track trodden into the sand by countless caravans. Now a broad motor highway stretches along 600 of its 800 miles bringing India's vast resources within a few days' journey of Russia's southern frontier.

The East Persia route was completed in three months. The rush job was necessitated by the German advance in the Caucasus. It was hand-made because no machinery was available.

Water and food for men and animals were carted hundreds of miles by camel as the road pushed forward. Also 1,000 homes were built because the contract provided nobody would have to walk more than four miles to work.

One of the British officers who supervised the work said that "in spite of all the odd nationalities and widely differing engineering practices of the four foreign contracting firms, everyone got along fine."

The British officer said "we had Greeks, Yugoslavs, Belgians, Russians, Turks, Italians, Bulgars and Rumanians, not to mention Persians, who did most of the laboring."

## Is Well Supplied

British Soldier Who Lost Nose Has Three Rubber Ones

Twenty doctors examined a British soldier for physical defects, some suggesting this and some that, but all overlooked the fact that he has a rubber nose.

The young trooper lost the original in Italy when a shell exploded. He became the first patient in a laboratory at the University of Alberta, where Capt. Carl H. Clarke of Baltimore, Md., and a technical staff are making artificial noses, ears, jaws, hands and arms for maimed soldiers.

Now the Briton has not only one rubber nose but three—all of varying shades to match seasonal changes of skin coloration.

## For Healing Wounds

Green Coloring Matter Of Leaves And Plants Speeds Recovery

Experiments showing that chlorophyll, the mysterious green coloring matter of leaves and plants, speeds the healing of wounds and burns are announced in the current issue of the American Journal of Surgery.

So successful is use of the green stuff, dissolved in water and used on surface dressings, that the authorities recommended its wide use in war injuries and burns.

The tests were made by Doctors Lawrence W. Smith and Alfred E. Livingston, of Temple University School of Medicine, Philadelphia.

## SOUTH AFRICAN NATIVE

Once a houseboy in South Africa, H. K. Banda, a Nyasaland native, recently obtained his degree as a medical practitioner in Edinburgh, Scotland, and is now assistant medical officer in an English county borough. Formerly, he was in the United States, where he won degrees in philosophy and medicine—Montreal Herald.

## NOT WHAT HE MEANT

A colonel was speaking at a dinner given in his honor before embarking for Africa.

"I thank you," he concluded, "for your kind wishes regarding my welfare, and I want you to know that when I am far away, surrounded by ugly, grinning savages, I shall always think of you."

## UNSINKABLE LIFEBOAT

The unsinkable lifeboat invented by Francis Lowe of Liverpool was a success the first time it was used. The boat, which has an extra buoyancy compartment, a kapok fender around the hull and maintains stability when inclined at 100 degrees, had its first trial when a ship was torpedoed and saved 80 men.

## BRITISH PEOPLE PLAN FOR FUTURE

Editor Amazed At Their Confidence And Spirit In Midst Of War

An England mindful of the future even in the midst of its desperate struggle for survival was pictured by Edward Weeks, editor of the Atlantic Monthly, at the vesper service in First Presbyterian Church in Buffalo.

Weeks gave his observations and impressions of the trip he made to England last summer as guest of the Office of War Information.

Typical of the spirit of the English people, he said, were the examinations for scholarships at Oxford which have gone on regardless of war and blitz.

"It seemed curious," he said, "that with only a year to go before they would be with the fighting forces the young men took these examinations. When I asked about this I received the revelatory reply: 'They've got to come back. The scholarships will be waiting for them.'"

The speaker said that he was particularly impressed with the work the English women are doing during the war, having seen women everywhere throughout the island taking the places of men, railroading in places, policing in bobby hats, hauling in baggage balloons, taking their places in anti-aircraft batteries, and telling in every kind of a factory where they represent from 40 to 50 per cent. of the working forces.

Still another marvel of the war as he saw it in England was the number of men of 70 or older who now are carrying on tasks for which they were considered unfit in a peaceful day.

"They have demonstrated that still another fire can be lit in a man if the crisis is great enough," he said.

"England's old men are not watching from the walls as once did the Romans. They are going out to keep alive the things that are precious."

## Australia To India

U.S. Army Planes Cover Distance In Non-Stop Flight

U.S. army transport planes can now fly non-stop between Australia and India, a distance of some 3,000 to 4,000 miles, depending on the route. This interesting disclosure has just been revealed in Washington, following news of Gen. Somervell's flight to India to confer with Lord Louis Mountbatten and Gen. Stilwell.

How much aerial traffic there is over this big hop and the exact routes or airports used cannot of course be revealed. But before the war it was at least a three-day flight carried out in daylight only, and with overnight stops for crews and passengers. Under the pre-war schedule operated by Imperial Airways, it was a five-day flight from Calcutta to Singapore, another to Port Darwin and a third to Brisbane or Sydney.

The fact that planes are now flying non-stop right, and around Japan, Burma, Malaya and the Dutch East Indies merely gives an indication of how post-war flying schedules in that part of the world may be speeded up. It also indicates what can be expected in post-war developments in the northern hemisphere. Vancouver to Sydney is 7,800 miles, or a two-day journey compared with two weeks by the fastest ship. Montreal to London is 3,200 miles. Mankind stands on the threshold of a new age of communication and travel.—Ottawa Citizen.

## Island Of Malta

Will Likely Be Great Air Base In Peace Time

The common experiences of the trials of war have welded Malta and Britain in an unbroken union born of mutual sufferings caused by bombing, said Miss Mabel Strickland, proprietor of the Times of Malta, when she returned home after a tour of the United Kingdom. "Now that Britain controls the Mediterranean and peace reigns in Malta," she said, "we are looking forward to the island being a great air base in peace-time and to the time when the links forged in war will be maintained to bring peace and prosperity."

## WOMEN IN INDUSTRY

In Canadian war industry, women are now performing 70 per cent. of the operations in the manufacture of machine guns, comprise more than 30 per cent. of those engaged in instruments factories and are over 27 per cent. of the 86,000 aircraft workers.

## SHARK FISHING

Shark fishing, which is being undertaken in South Africa chiefly for the vitamin-bearing oil recovered from the shark's liver, is rapidly gaining in importance as an industry. 2647

## Canadians Destroy Nine Nazis In One Dogfight



R.C.A.F. Photo.

Every one of these Canadian fighter pilots destroyed at least one German aircraft on the day this picture was taken after their return to base in England. They belong to a Spitfire wing led by Wing Commander Lloyd Chadburn, D.S.O., D.F.C., of Oshawa and Aurora, Ont. The 24-year-old leader himself shot two Nazis in the air, and the whole wing destroyed nine enemy planes for the loss of one pilot. Left to right, the victorious pilots are: Flight Lieut. D. E. "Denny" Noonan of Kingston, Ont.; Flight Lieut. R. D. Booth, Vancouver; Squadron Leader F. E. Green, D.F.C., Toronto; Flight Lieut. Art Sager, Vancouver; Flight Lieut. J. D. Mitchener, D.F.C., of Saskatoon, Sask.; Squadron Leader Geoffrey Northcott, D.F.C., Minnedosa, Man.; and Wing Commander Chadburn.

# Fighting Canada's Battles In Northern Manitoba And Saskatchewan Bushlands

(By J. F. De Wel, Secretary, Manitoba Chamber of Mines)  
An interesting story of the great Flin Flon Mine.  
(Continued From Previous Week)

**Employees Control Welfare Board**  
In matters requiring adjustment between the Company and its employees, the latter are represented by the Employees' Welfare Board. This board consists of employee representatives from each department. No salaried employee or person in charge of other employees may sit on the board. The Company may influence whatever in the election of the representation, this being done by the employees by secret ballot. Employees through their Welfare Board representatives may bring up any grievance, real or fancied, which they may have against the Company without the slightest fear of it being

held against them by the Company. In practice, the Company's policy has always been to welcome the opportunity for discussion and settlement of any grievance brought forward, as it believes fully in personal freedom and discussion. Thus the cause of any grievance can be readily removed if it is a real one. The British system of free discussion thereby scores another triumph since the relationship between the Company and its employees is based on two of the principles we are fighting for—Freedom of Speech, and Freedom of Employee to join together in discussing mutual problems. Company representatives never attend the meetings of the Welfare Board, except upon invitation, and in consequence, discussion is free and without hindrance. Transactions of the Welfare Board are published once a month in their organ entitled "The Bulletin".

The Company is a member of the National Safety Council of America and of the St. John Ambulance Association. A safety engineer and staff are employed, and in addition employees are taught First Aid. Those who qualify for First Aid certificates receive a bonus of \$10.

The health of the employees at Flin Flon is carefully guarded. A thorough medical examination is a required preliminary to employment, and should a man become ill or be injured he is given medical advice and care at the Flin Flon Clinic, in a Company-owned hospital, or at home as conditions may suggest.

**How To Gain Advancement**  
A large and well managed mine like the Flin Flon provides a great variety of jobs. Beginners in the Surface and Transportation Department are known as the bull gang, where an aptitude for special kinds of work can find many profitable outlets for the newcomer's interest and ability. From ordinary labor in the bull gang one may graduate to be a helper in a trade connected with the Surface, Transportation, Construction, and Machine Shop work. Variety adds spice to the work and the experience gained on the bull gang gives one the best general idea of what's going on and what it's all about around a mine as the multiplicity of jobs takes one "all over the

works". Outstanding surface workers as they prove competent, adaptable, intelligent and prepared for the next opening to come, may become, in time, specialized foremen, etc.

Beginners underground are called muckers. They dig and clean ditches in the haulage tunnels and clean up headings after the mechanical muckers have done the heaviest part of the work of shovelling ore and waste rock. There are many other occupations for beginners underground, but generally it is the mucker who become miner's helpers and later miners. Mucker bosses, mine foremen, shift bosses and so forth mostly are promoted from workmen

who gained their experience by starting as muckers. Underground occupations include blast hole drillers, timbermen, motormen, pipemen and so on.

A surprising number of tradesmen are employed at a large mine like the Flin Flon. These include electricians, mechanics, garagemen, machinists, carpenters, masons, painters, pipelayers, and so forth. All employees receive the full current cost-of-living bonus. A young fellow starting as a helper learns much about a useful and well paid trade and receives pay increases as his skill improves.

In and around the plant there are many openings for men to work in the rock crusher house, in the concentrating plant, in the smelter, and in the zinc plant. As beginners become competent on a job they can

qualify as operators with an increase in pay dependent on their aptitude.

**Flin Flon Works All Year Round**  
There is a comforting permanency in employment at Flin Flon, since the Company has reserves of ore to last a good number of years and, moreover, has an exploration department whose job is to find new ways to improve efficiency of operation and increase the output of the metals. It is a good, year-round job too with no seasonal lay-offs.

When Robert Service lived in the Yukon he found the towns inhabited by "two gun" miners with "pokes" full of gold nuggets or dust in their pockets. They bought raw licker drinks for themselves and lurid ladies mostly called Lou, and settled their poker disagreements with revolver shots. But a modern mining town is an orderly community with lots of men on a steady payroll—the class of chap that marries a nice girl and raises a healthy family in respectability and comfort. The tough guy soon finds out that he cannot get along at all in Flin Flon.

**Flin Flon Is Manitoba's Fourth Largest Town**  
The three larger ones are Winnipeg, St. Boniface and Brandon. Its

population is roughly 8,700, inclusive of 2,000 families and around 1,500 children going to school. It was incorporated in 1933 and municipal affairs are administered by a mayor and six councillors elected by the people. Its municipal assessment is \$1,900,000.

Four schools manned by an efficient teaching staff of 44 carry pupils through Grades 1 to 12, instruction in the higher grades being given in an 18-room collegiate. Besides the three R's, boys may learn general shop practice in preparation for later apprenticeship, and girls may learn home-making. Music is taught and a musical festival is an outstanding event in each year. High school students in Flin Flon lack none of the activities that one finds in the larger scholastic centers.

(To Be Continued)

## LIFE'S LIKE THAT

By Fred Neher



"Wash the dishes, make the beds, sweep the floor... who married Pop, you or me?"

## Supply Depot

Built In Britain For American Army In Record Time

In ten weeks a small group of officers of the Royal Engineers have transformed 200 acres of cornfields, pastures, trees and hedges into a vast supply depot for the American Army in Britain. "Ten-week town" is now a vast conglomeration of towering tarred sheds set in a network of concrete roads. There are 14 miles of railways and seven miles of roads. In peacetime this work would have taken upwards of a year to complete.—London Daily Telegraph.

## REG'LAR FELLERS—Foxy General



BY GENE BYRNES

## WORLD HAPPENINGS BRIEFLY TOLD

Alberta produced more than \$5,000,000 worth of furs last year, mink topping the list with \$1,700,000.

A 21-year-old Glasgow seaman kept a date with a blood donor service, although he was three months late because he was tormented.

The BBC quoted Mrs. Churchill as saying that the Aids-to-Russia Fund which she sponsors has "reached all most \$4,500,000 (\$20,025,000).

There were 72 establishments in Canada in 1942 manufacturing concentrated milk products for human consumption.

More than 2,567 prisoners of war are being employed in wood-cutting and other work across Canada, the labor department said, and the project is "working very well."

The war office said that on November 15 British had 357,630 Italian prisoners of war in custody in the United Kingdom, the dominions and elsewhere.

A new airgraph filming station has been opened in Calcutta and an airgraph station (to serve Bengal, Assam, Bihar and Orissa) has also been started.

The United States army announced that henceforth a single document will be needed to return a discharged soldier to civilian life. Seven forms and five letters formerly were required.

**Travel Of The Future**  
Wonderful Developments Are Being Made In Aerial Transportation

A new trans-Atlantic air record was set when a Liberator bomber was flown recently from Montreal to Britain in 11 hours, 35 minutes—21 minutes faster than the previous record established by a Lancaster.

This means that it is now possible for a passenger to take breakfast in Montreal and to have dinner on the same day in London. It means that it is now possible to cross the Atlantic in one-tenth the time it takes on the fastest modern ship, one-twentieth the time it used to take the ordinary traveller thirty years ago.

The achievement at once sets off again speculation as to the future of trans-Atlantic travel. Most people seem to think that while the airplane will be extensively used for business purposes, the steamship will survive for pleasure purposes. The expectation is probably a sound one, and at least for some years yet the liner will continue to serve the travelling public.

But on the day after tomorrow—when the T.C.A. will carry passengers as regularly between Vancouver and London as today it carries passengers between Vancouver and Montreal—there are almost bound to be wonderful developments in aerial transportation. The strides made by aeronautical designers since the war began have been enormous. It is not too fanciful to suggest that the near future will see regular air lines linking Canada and Britain.—Ottawa Citizen.

## ANSWER THIS ONE

"My good woman," said the judge, "you must give an answer in the fewest possible words of which you are capable to the plain and simple question whether, when you were crossing the street with the baby on your arm, and the bus was coming down on the right side and the taxi on the left, and the motorcycle was trying to pass the bus, you saw the plaintiff between the motorcycle and the taxi, or whether you saw him at all near the motorcycle, taxi, and bus, or either, or any two, and which of them, respectively, or how it was."

Mathematics originated in Greece with the school of Thales about 600 B.C.

Iron ore was discovered on the west slope of the Alleghenies in 1792.

## MAHOGANY ROAD

Radio News says United States army engineers have constructed in Dutch Guiana a highway on a base of mahogany and surfaced with aluminum. These two precious materials were used only because they are the cheapest and most available in Dutch Guiana, which has the world's richest deposit of aluminum ore, and mahogany wood just for the cutting.

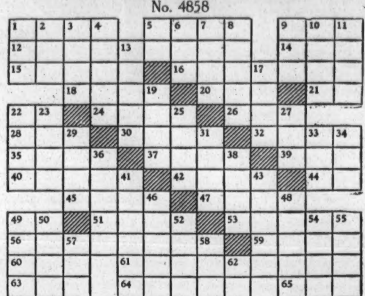
The first wheat sies in Australia were built at Cockatoo in 1839. They were cut out of rock and shaped like large bottles.

## Royal Navy

**Stops Many Imports By Germany From Pre-War Sources**  
In Great Britain's air and sea front against Germany, the Royal Navy has played a tremendous part. Its task was to cut off the German war machine from vital supplies, and it accomplished this by stopping the following percentages of German imports from pre-war sources: oil, 8%; cotton, 98%; maize, 99%; natural phosphates 96%.

Chinese writings of 3,000 years ago mention the cultivation of bananas.

## X-X OUR CROSSWORD PUZZLE X-X



**HORIZONTAL**  
1 Appellation of Athens  
4 By  
5 Mixture of sand and clay  
9 Wolfraimite  
12 To support  
13 South American language  
15 Shield  
16 Window  
18 Ancient Greek country  
20 Girl's name  
21 Hebrew  
22 Artificial language  
24 Protecting influence  
26 Gratitude  
28 Nosh's boat  
30 Sleeps  
32 To slide  
35 Levantine sailing vessel  
37 Heelless slipper  
39 Hawaiian food  
40 Fold

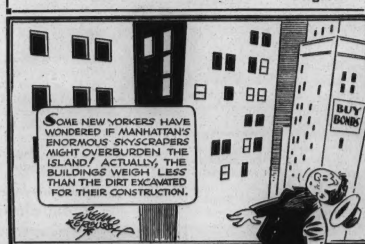
**VERTICAL**  
1 Skill  
2 Meadow  
3 Ireland  
4 Aspect  
5 Exclamation  
6 Worthless leaving  
7 Land  
8 Measure  
9 Intended  
9 Lettuce genus  
10 Ox of  
11 Young sheep  
13 To pretend  
17 To fasten

**Answer to No. 4857**  
1 CHAIR  
2 RAFFER  
3 CHAIR  
4 CHAIR  
5 CHAIR  
6 CHAIR  
7 CHAIR  
8 CHAIR  
9 CHAIR  
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65 CHAIR

**19 Asiatic kingdom**  
**22 To grate**  
**23 Aloud**  
**26 To urge**  
**27 Young dog**  
**29 Prussian airport**  
**31 Winter vehicle**  
**32 Kiwi**  
**34 Outfit**  
**36 City in Egypt**  
**38 Head organs**  
**41 Separation of the elements of a compound word**  
**43 Coarse cotton cloth**  
**46 Saltwater**  
**48 Attire**  
**49 Grass-covered plot**  
**50 To imitate**  
**52 "Apostle of Rome"**  
**54 Variety of cabbage**  
**56 Fencing sword**  
**67 To intimidate**  
**68 Clamor**  
**69 Symbol for tellurium**

## THIS CURIOUS WORLD

By William Ferguson



ANSWERS: Rear, according to Jimmie Lynch, nationally known stunt and test driver.





50 years a favorite for light-textured, delicious, tasty bread



7 OUT OF 8 CANADIAN WOMEN WHO USE DRY YEAST USE ROYAL!

### The Real Success

#### Of Canada's Victory Loans Depend

On Purchasers Keeping Bonds The success of the Fifth Victory Loan depends on more than the actual sale of the bonds, which went over the top. The real success depends on the people keeping the bonds they have bought. If they turn right around and sell them, their purchase has not the importance it had.

There are cases of financial emergency where people have to sell the bonds to raise money for some immediate need. But, in the general run of affairs, it should not be necessary to sell the bonds. Holding them is part of holding the inflation line—W. L. Clark, in Windsor Star.

### SELECTED RECIPES

#### A MIGHTY PUFF PUDDING IS CRANBERRY PATSY!

Puddings, like people, have personalities. Yorkshire pudding, for example, is the sturdy "Good provider" type. Snow pudding is ethereal and demure. Cranberry Patsy is a gay young lady in a red beret—a little pert and more than a little saucy.

**Cranberry Patsy**  
3 cups cranberries  
1½ cups sugar  
¼ cup water  
1½ cups sifted flour  
¼ cup sugar  
4 teaspoons baking powder  
½ teaspoon salt  
¼ cup shortening  
½ cup All-Bran  
1 egg  
½ cup milk

Mix berries, sugar and water. Bring to boiling point over moderate heat, stirring constantly; simmer two minutes. Spread in 8-inch round pyrex or 9-inch square baking pan.

Sift flour, sugar, baking powder and salt together. Cut in shortening. Soak All-Bran in beaten egg and milk about 5 minutes. Add to dry ingredients stirring until combined. Drop food by spoonfuls over cranberries. Bake in moderately hot oven (400 F.) 30 to 35 minutes. Serve warm with this cream.

Yield: Eight to nine servings.

**VALUABLE MANUSCRIPT**  
A valuable Latin manuscript of the Institutes of Justinian, found among the salvage in a book drive at Heron, near London, has been returned to the Bodleian library, Oxford, England, from where it disappeared some time ago.

England was the first country to form societies for the prevention of cruelty to animals.

**LACTIS-ORA** INSURES FOR HEALTHFUL GUMS MOUTH  
LACTIS-ORA is not new, nor is LACTIS-ORA a mouth wash. DENTISTS have used it for 15 years for bleeding, sore, inflamed gums, breath, mouth, pyorrhea, halitosis (bad breath) and all infections of the gums.

Approved Proprietary Medicine Act  
RENAUD LABORATORIES  
CALGARY, ALBERTA

### OUR COMPLETE SHORT STORY—A Switch In Time

By MADGE ELWOOD  
McClure Newspaper Syndicate

Corporal McNew laid his whiskers on the window sill. They were hot and uncomfortable. It wasn't, he thought, military duty to play the role of Santa Claus at the garrison Christmas party. He couldn't, however, disobey his commanding officer. Nor did he want to after hearing about that vacancy for a corporal at the recruiting office in Kansas City. McNew had been born there, Marianna lived there now and only yesterday he'd heard that Marianna had been seen with a fireman. It was time that he went home but a furlough was out of the question after buying Marianna's Christmas present. He'd have to trust to the magic of Santa Claus. Surely the colonel would reward perfection.

The colonel, though, had made his role more difficult. "Er—" he'd drummed on the table with his fingers. "I want you to especially convince my son. Make him believe that Santa Claus is really magic. My son is—er—fascinated by anything in the electrical line. He's been—er—quite disturbing. I've told him that Santa only gives presents to good boys. If you can encourage his belief, it'd help the regiment and—the colonel had coughed—"me."

He'd have to be a perfect Santa Claus, McNew thought. Sonny, as every soldier in the regiment knew, was a very skeptical eight.

"Hello." Peeping in the window he saw the object of his worries, accompanied by the regimental mascot, Henry, the goat. McNew slipped into a closet. Too late, he remembered his whiskers. The goat, as the regiment had learned, had an appetite. McNew's fears were confirmed when he emerged from the closet. The whiskers were gone, and he heard Sonny giggling. "I bet Santa Claus ain't magic enough to grow more whiskers. I bet he ain't magic at all. Dad doesn't know everything. Say, Henry, I don't know how to turn off the switch—"

McNew sighed. Soldiers were supposed to be ingenious. But Sonny was clever, too. The Christmas party was to begin at seven. It was six now. How could Santa Claus appear without whiskers? They couldn't be bought at this time of night. McNew smacked at a mosquito. It was hot at this Texas border station. McNew remembered some cotton fields nearby. Due to a plague of insects, not all of the cotton had been picked. He hurried out of the barracks, pausing to slap at an early fly. He grinned as he remembered the fire. That guy soon would learn what a real soldier could do.

The band played a traditional Christmas carol. Corporal McNew stood beside a gayly decorated tree and began to distribute gifts to the children of the regiment. "Thanks," said a red-headed boy, "is it a football?" Corporal McNew frowned. This was hard work. A curly-haired girl tried to kiss him. A small boy attempted to pull his whiskers. He picked up the package marked with Sonny's name. Sonny had disappeared. McNew called his name again, walked to the front of the platform and almost fell as the lights went out.

McNew was not prepared for the insects that flew about his head. He took a step backwards as tiny lights gleamed about his whiskers. The fireflies must have made their homes on the abandoned cotton he had plucked. McNew stepped on a package, stumbled and grabbed the tree for support. He caught a branch. Out of the darkness, he heard Sonny's voice: "Yes, Santa, here I am."

"Here—" McNew tried to hand the boy the package containing the electric train. A firefly rested on his whiskers. "Here, Santa Claus carries his own lights, you know. He hoped that the colonel was listening. A firefly rested on his cheek.

"Is it magic?" asked Sonny. "And you grew more whiskers—"

McNew stumbled again, reached for support. The branch cracked and broke. Failing, he sought Sonny's hand. "Here!"

The lights went on. Sonny fled down the steps and McNew saw that the colonel was comforting a weeping boy. Then the swaying tree fell on McNew and his mouth was filled with cedar and timber. It didn't matter. A corporal who'd given the colonel's son a switch for a Christmas gift would never be recommended for a recruiting job in his home town. More than likely he'd be sent to the guardhouse.

The annual event at last over, Mc-

### Read Why... NURSE SCOTT

Recommends



for CHEST COLDS

- 1 Acts 3 ways, to break up croup, congestion, clear stuff-up head, loosenes cough—over night.
- 2 It penetrates faster.
- 3 Generates heat and vaporizes quicker.
- 4 It is snow-white, stainless, non-grasy.
- 5 Can be used with perfect safety on the tiniest tot.

Price 30c and 50c at all druggists.

A FIRST-AID KIT IN ONE JAR

New painfully removed the cotton from his chin. His suffering was in vain. He could never explain away his mistake.

The colonel wanted to see him. McNew hurried. His chin was sore and red, but he managed a salute. "Yes, sir."

"Did you ever act the part of Santa Claus before?"

"No, sir," McNew suppressed a sigh. He wondered if the fireman was handsome.

"Um—maybe that explains the fireflies and the switch." There was a curious note in the colonel's voice. McNew struggled to explain, but the colonel interrupted: "I hear you want that recruiting job in Kansas City. Under the circumstances, I've decided to recommend you."

"Yes, sir," But McNew sighed. He wondered if snow could be used to advantage by a resourceful soldier in charge of an equally ingenious boy.

### For War Prisoners

#### Cabled Messages From Relatives Are Received Through Red Cross

The Canadian Red Cross has had an arrangement in effect for the past year whereby Canadians can send cabled messages to relatives and friends who are interned or prisoners of war in enemy-occupied countries, officials at Ottawa said.

It is understood that Canada is the only country which has such a service but that other countries are considering making similar arrangements and that other projects—like radio broadcasts from prisoners to relatives and from relatives to prisoners—have been under consideration.

The Red Cross has definite information that its cabled messages have been delivered to prisoners in Germany and Italy and one or two reports confirming delivery of messages to people in Japanese hands, but is not sure the system is working in all cases on messages to territory under Japanese control.

A single transport plane can carry sufficient dehydrated vegetables to feed a battalion for a week.

### FREE ISSUE OF HONOUR ROLL PROVES POPULAR IN CANADA

The attractive Honour Roll, issued free of charge to churches, educational institutions, factories, offices, clubs, fraternal societies and other organizations for the purpose of recording the names of the men and women who have volunteered for Active Service in the armed forces, is meeting with a wonderful reaction on the part of the public. Headquarters announced.

The Honour Roll is artistically designed and it symbolizes in striking and authentic heraldic form the historic majesty of the British Empire. The basic motif is the Canadian coat-of-arms with flanking shields showing the maple leaf of Canada, the shamrock of Ireland, the thistle of Scotland, the rose of England, and the fleur-de-lis of France.

In the design on the base are the heraldic flags of the Navy, Army and the Air Force. The coloring is rich and the whole is reproduced by a special process. The Honour Roll is in various sizes, namely for 12, 36, 102, 412 and 612 names, and it is pointed out that they may be obtained only by writing to the Director of Army Recruiting.

While these Honour Rolls are issued under the supervision of the Director of Army Recruiting it is explained that they are for the names of the men and women of the Navy, Army and Air Force—without distinction on Active Service.

The name of the church, school or business together with the size of Roll required should be clearly stated on the application.



Recruiting, Aylmer Building, Ottawa.

While these Honour Rolls are issued under the supervision of the Director of Army Recruiting it is explained that they are for the names of the men and women of the Navy, Army and Air Force—without distinction on Active Service.

### Wing Commander

Wing Commander Robert S. Turnbull, D.F.M., of Govan, Sask., who has attained the rank of wing commander at the age of 24. Wing Commander Turnbull commands the Lion squadron of the R.C.A.F. bomber group. He succeeded Wing Commander D. H. Burnside, of the R.A.F.

### Blood Donors

#### Iron Rations Maintain Blood And Build Health

Comparing blood counts has become a fashionable pastime among regular visitors to Blood Donor clinics and having a high blood count has become a matter of pride with the thousands of Canadians who give of their blood that the wounded may live.

Good red blood means a blood stream which carries a sufficient supply of iron to the body," explains Dr. L. B. Pett, Director of the government's Nutrition Services at Ottawa.

"Even though you may not live within reach of a blood donor's clinic, it is important that you provide enough iron in the day's meals, for iron is one of the many factors which help to build up resistance to colds and other infections.

"The amount of iron present in the human body is very small—about enough to make five small carpet tacks—but so important is it that, if it were withdrawn, death would follow in a few minutes.

For an adequate supply of this important mineral, Dr. Pett lists the following foods that should be eaten regularly. Every day—whole grain cereals and bread, green, leafy vegetables. Potatoes and other root vegetables will contribute more iron if cooked without peeling. Three or four times a week—an egg; once a week—a generous serving of liver, heart or kidney.

Dried peas and beans, red meat, molasses and dried fruits are other foods which rate high as "iron ration".

### DON'T SPOIL FATS

Don't spoil fats, and foods cooked in fat, with too much heat. The unpleasant odour of smoking fat is a warning that the fat is breaking down, chemically. Food will be harder to digest and the life of the fat will be shortened, for fat that is overheated becomes rancid more quickly.

The British Army was outnumbered by the enemy in every one of its campaigns in the first three years of war.



### THE HEALTH OF CANADA

It has been estimated that about 200,000 Canadians have syphilis and do not know it. Of these some 30,000 will die prematurely with syphilis-riddled brains and hearts, and in many instances their families will become dependent on the state.

This was the message given 500 industrial physicians and nurses, plant managers and personnel officers at Toronto by Lt.-Col. D. H. Williams, R.C.A.M.C., chief of the division of venereal disease control, Department of Pensions and National Health, Ottawa. Colonel Williams spoke at an industrial health conference called by the Health League of Canada in co-operation with the Ontario Department of Health.

Speaking on syphilis as a saboteur of industrial production, Colonel Williams urged pre-employment and routine Wassermann tests as part of industrial health examinations but added that education of both employers and workers was necessary. He emphasized that "for all practical purposes syphilis is spread only by intimate physical contact."

Many useful workers had been discriminated against by being deprived of employment when their condition was discovered. If this attitude continued syphilis would be driven "underground" to continue its insidious ravages among Canada's workers.

"The law doesn't permit any physician to tell management that an employee has syphilis," Colonel Williams continued, pointing out that secrecy was both essential and required by law. All the plant physician might do was to report to management on the fitness of an employee to do the work to which he had been assigned.

### SMILE AWHILE

Boy Friend: "Are you free this evening?"

Girl Friend: "Well, not exactly free, but very inexpensive."

"Are you the defendant in this case?"

"No sah. I've got a lawyer to do my defendin'. I've de man what stole de chicken."

A salesman and his girl were arrested for loitering in the park. The judge turned to the man and said: "What's your name?" The man replied: "Ben Petten." The judge said: "What is yours, miss?"

The girl said: "Ann Howe."

Employer—Have you any references?

Applicant—No, sir. I tore them up.

Employer—That was a foolish thing to do.

Applicant—You wouldn't think so if you had read them.

They were discussing a mutual friend.

"Brown is a good fellow, really," said one, "but he treats his poor wife miserably."

"What do you mean?" the other asked. "Does he beat her?"

"No, no! He just refuses to argue with her."

Judge: "Have you anything to offer the court before sentence is passed?"

Defendant: "Nothing, your honor. My lawyer has taken my last cent."

Hitler to Tojo over the phone: "Hell, Tojo, I told you would be in Berlin in three weeks."

Tojo: "So sorry, Adolph—where you call from—Moscow?"

A Frenchman was relating his experience in studying the English language. He said: "When I first discovered that if I was quick I was fast; that if I was dead, I was fast; that if I spent too freely, I was fast; and that not to eat was to fast; I was discouraged. But when I came across the sentence, 'The first one was one-dollar prize,' I gave up trying."

Servant: "Oh, mum, I've knocked off the flower-pot off the window-sill, and it fell on a man's head."

Mistress: "What! My beautiful fuchsia!"

### 3-PURPOSE MEDICINE Hits CATARRH Misery Fast!

When acute catarrh makes breathing difficult—causes stuffy head, watery eyes, nasal irritation and distress, put a few drops of Vicks Vapo-Rol in the nostril and enjoy the relief it brings.

Vapo-Rol is so successful because it does three very important things: (1) shrinks swollen membranes of the nose, (2) clears out discomfort-causing congestion and (3) soothes irritation. Many catarrh sufferers say it's the best relief they've found. Try it!

VICKS VAPOROL

### Care Of Cattle

Should Never Give Live Stock Ice Cold Water

For all cattle in winter, particularly for dairy cows, a liberal supply of good clean water is necessary. And an important thing is that the chill should be taken off the water before drinking. As pointed out by W. D. Albright, Superintendent Dominion Experimental Farm, Beaverlodge, Alberta, "starchy-coated, contaminated cattle-shivering hump-backed icy troughs on a bleak winter day are an object of sympathy and a standing advertisement for shrunken profits." If the water is ice-cold, the animals do not drink enough water. The small amount that they do drink checks natural functions. Results are constipation, ill-thrift, and sometimes indigestion.

Warm water is relaxing and substitutes in part for succulent feed. Half a pailful of tepid water has brought many a horse around after an immersion or after a cold hard drive. Swine do poorly on ice-cold drinks. A heater in the drinking tank will not only avoid much ice chomping but will contribute decidedly to the health and comfort of the farmyard stock.

### Baby Doll Outfit



4580

By ANNE ADAMS

An outfit for a baby doll that contains everything a very young mother could want. In fact, Pattern 4580 is designed exactly like a real baby's wardrobe. Here are cunning garments for indoor and outdoor wear for "dress-up" and play.

Pattern 4580 is available for dolls measuring 10, 12, 14, 16, 18 and 20 inches. For individual yardages see pattern.

Send twenty cents (20c) in coins (stamps cannot be accepted) for this pattern. Write plainly Size, Name, Address and Style Number and send orders to the Anne Adams Pattern Dept., Winnipeg Newspaper Union, 175 McDermott Ave. E., Winnipeg, Man.

"Because of the slowness of the mails delivery of our patterns may take a few days longer than usual."

REPAIRED QUICKLY  
During two months of heavy raids in 1940 more than 3,000 water mains in London were damaged, but all were back in working order within a few weeks. Herbert Morrison, minister of home security, said at a Metropolitan water board meeting:

### PATENTS

AN OFFER TO EVERY INVENTOR. List of inventions and full information sent free. THE RAMSAY COMPANY, Registered Patent Attorneys, 275 Bank Street, Ottawa, Canada.

